

### REMARKS

Favorable reconsideration of this application is respectfully requested.

Claims 1-19 are pending in this application.

Applicant and applicant's representative wish to thank Examiner Gibson for discussing this application with applicant's representative on August 31, 2010.

During the discussion the statements in the outstanding Office Action were discussed in detail. More specifically, the Office Action states "[a]fter further review the examiner noticed that the limitation of 'the terahertz band' is not positively recited in the independent claims".<sup>1</sup> Applicant's representative discussed with Examiner Gibson claim amendments to clarify that feature and to more positively recite the limitation directed to "the terahertz band". During the interview Examiner Gibson agreed that if the claims were amended to no longer recite the phrases "configured to irradiate" in claims 1, 3, and 8 and "configured to deliver" in claim 5, then the recitation directed to "the terahertz band" in claims 1, 3, 5, and 8 would more positively recited and should address any potential rejection over U.S. patent 6,461,351 to Woodruff et al. In reply to that discussion with Examiner Gibson claims 1, 3, 5, and 8 are so amended as discussed.

Further, the Office Action also indicates a feature of providing "a continuous wave". During the discussion with Examiner Gibson it was also discussed amending each of claims 6 and 9 to recite "a continuous electromagnetic wave" as a more positive element, and Examiner Gibson agreed such further amendments would promote prosecution of those claims. Thereby, claims 6 and 9 are amended in that manner.

Based on the discussion with Examiner Gibson applicant submits the outstanding issues raised in the outstanding Office Action are addressed. Applicant submits the present


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<sup>1</sup> Office Action of June 10, 2010 top of page 2.

application is in condition for allowance, and thereby it is respectfully requested this case be passed to issue.

Respectfully submitted,

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